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the cortical cells are derived from the peritoneal epithelium, as stated by Janosik; and the medullary substance from the sympathetic elements, as described by Professor Mitsukuri.

In these various memoirs the authors express their indebtedness to Professors Mitsukuri, Iijima, and Yatabe for aid and advice. The plates are marvels of beautiful lithography, and the drawings are made with that skill and accuracy which characterize all their work.

Taxidermy and Zoological Collecting. By WILLIAM T. HORNADAY. New York, Scribner. 8°. \$2.50.

WHO the author of this work is, is certainly well known to most of the readers of *Science*. For years he has been connected with the National Museum as the chief taxidermist, and for a long time previously he was the taxidermist of a prominent natural science establishment. So it is with regret that we learn that Mr. Hornaday is to retire entirely from taxidermy forever. But associated with the chief author of the book was Dr. W. J. Holland, who supplied the chapters on collecting and preserving insects.

The considerable popular interest in zoölogy, and the great numbers of young naturalists coming forward, give reason to suppose that the book will meet with a considerable demand, especially as there is no other book of equal scope available.

The author urges on those who care for the preservation of specimens of many forms of animal life that they must be up and doing. It is already too late to collect wild specimens of the American bison, California elephant seal, West Indian seal, great auk,

and Labrador duck. Very soon it will be impossible to find walrus, manatee, fur seal, prong-horn antelope, elk, moose, mountain sheep, and mountain goat. Then ducks are being rapidly exterminated for market, and numerous birds for the sake of fashion.

The first part of the book is on collecting and preserving. This is by no means an unimportant part of the whole, occupying nearly one hundred pages, and covers every part of the work of collecting zoological specimens, even to birds' eggs and nests.

Taxidermy is treated in the second part, which occupies one hundred and fifty pages. This opens with an account of the worker's laboratory, and closes with hints as to the most effective ways of "making up" the finished specimen, for they must resort to paint as well as some other faded beauties.

There are then a number of pages devoted to the making of plaster casts. This makes the third part of the book, which is followed by the part (IV.) devoted to osteology, or at least so much of it as can be applied in the collecting and mounting of skeletons.

The closing chapters are on insect collecting, by Dr. Holland. The book is liberally illustrated, credit being given by the author to Mr. Frederick A. Lucas for much assistance in this feature.

AMONG THE PUBLISHERS.

THE *Chautauquan* for September presents the following among other articles in its table of contents. "Russia and the Russians," by Mrs. C. R. Corson (illustrated); "The American Association for the Advancement of Science," by Marcus Benjamin; "What

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